

Implementing a National Spatial Data Infrastructure (NSDI); Guatemala Case Study

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What is the purpose?



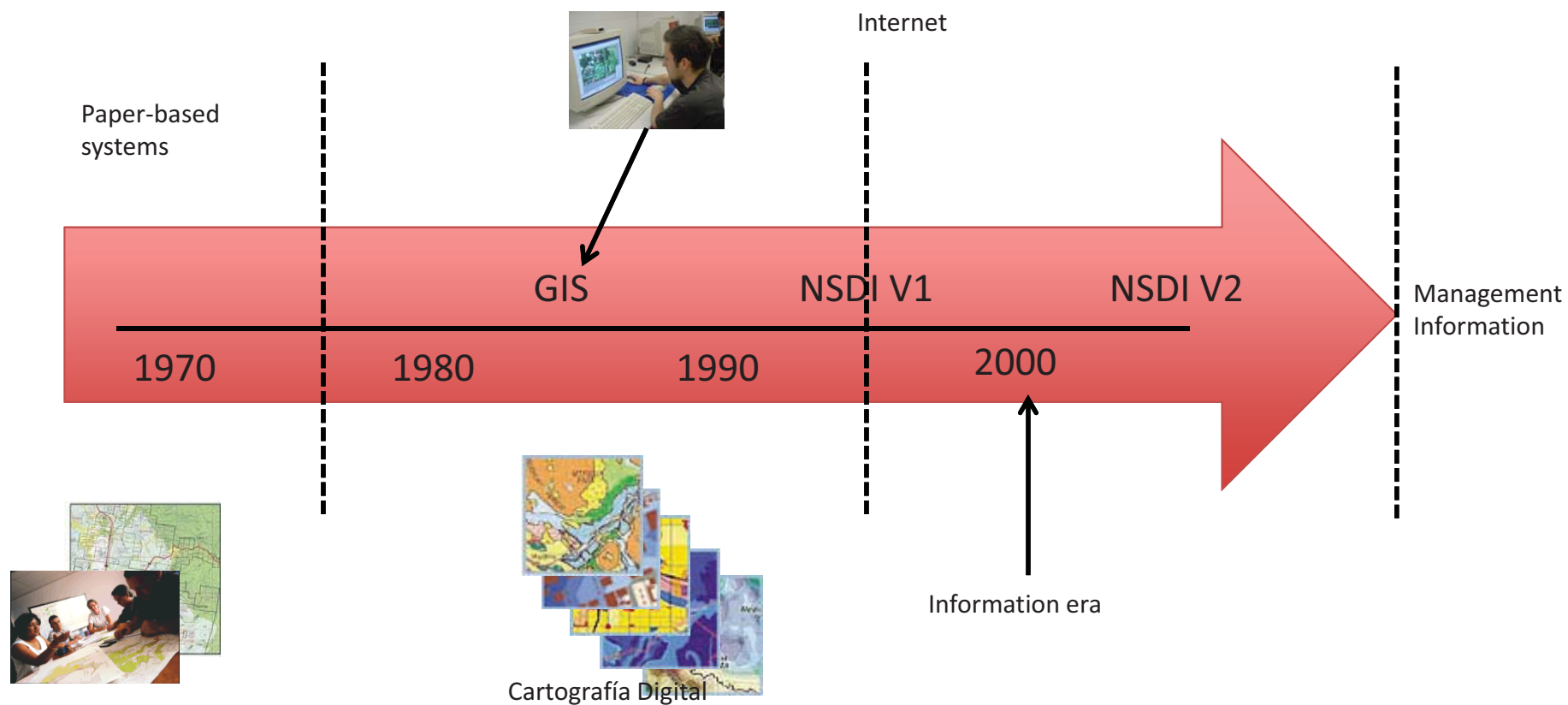
- Reduce duplication of efforts among agencies
- Make geographic data more accessible to the public
- Increase benefits of using available data
- Establish key partnerships among different groups to increase data availability
- **Enhance decision making**

Source: FGDC, 2014. <http://www.fgdc.gov/nsdi/nsdi.html>

- In an extreme event such an alert for potential flooding
- The following questions need to be answer:
 - Which areas should evacuate?
 - Where are the assistance centers ?
 - Which assistance centers ones can operate?

Timeline

SERVIR 



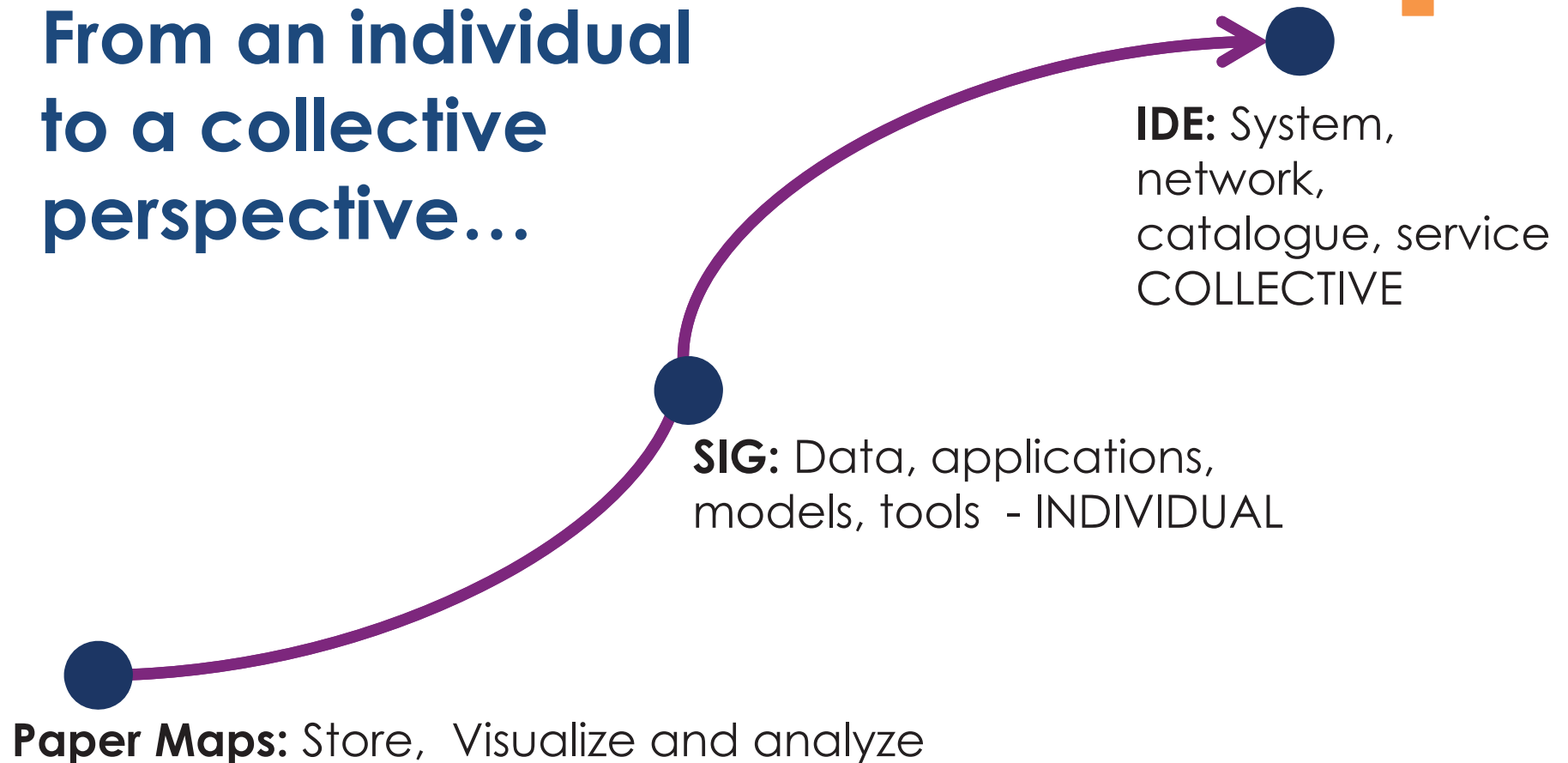
Source: SEGEPLAN, 2014

Paradigm shift

SERVIR 



From an individual
to a collective
perspective...

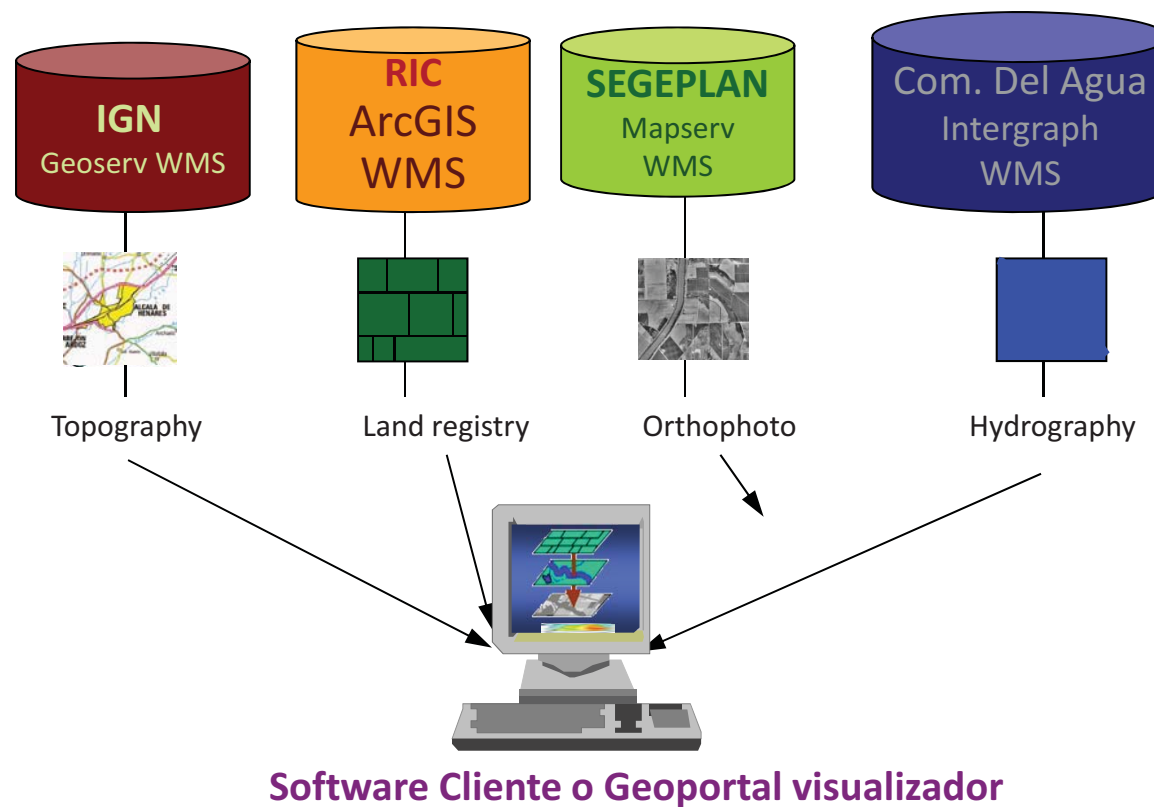


Source: SEGEPLAN, 2014

- Environmental management
- Land management
- Management of resources: agriculture, mine, energy, forest and marine resources
- Emergency services, fires,
- Disaster management

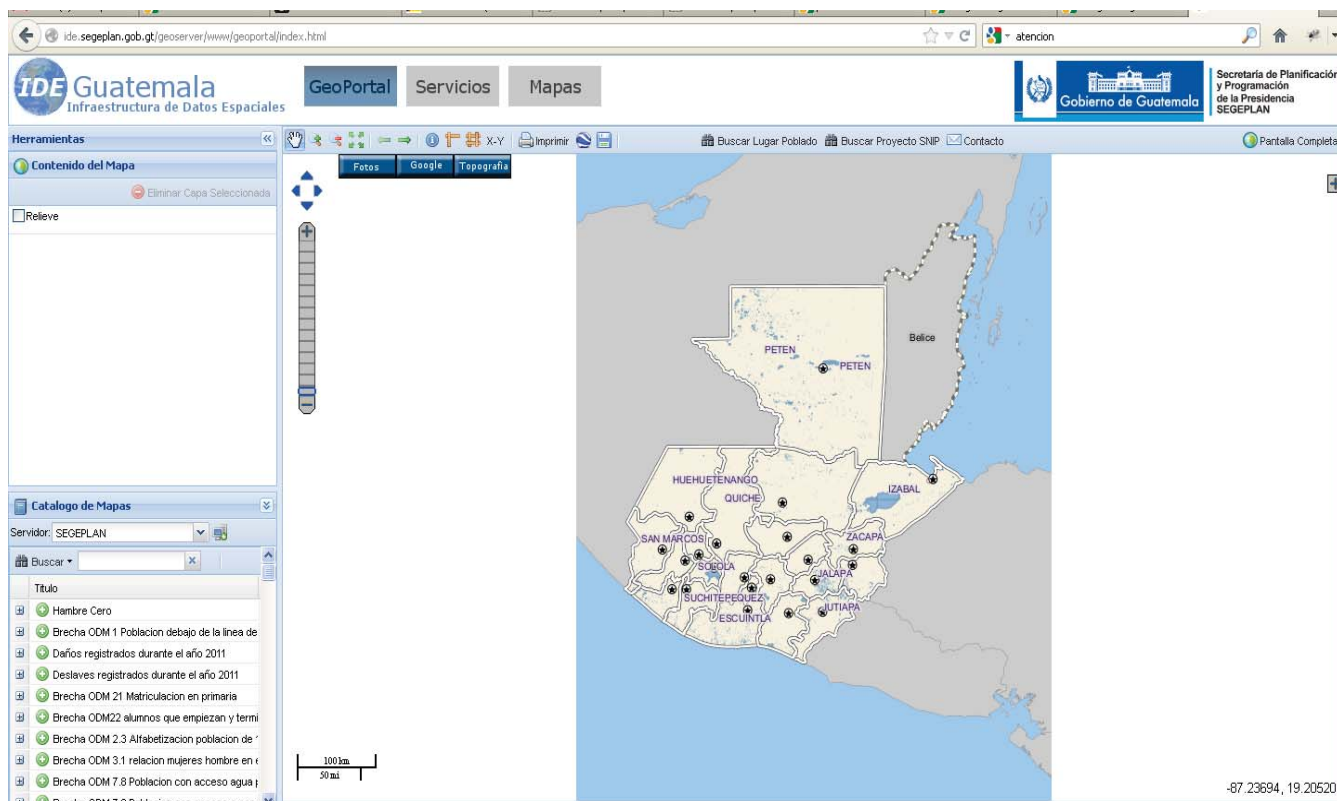
- Institutional issues (internal)
- Immature relations relations user/supplier
- Inconsistency in data availability and quality
- Inconsistent policies about data access and data use
- Lack of adequate experience in the use of available technologies

- The data from the same geographic area located in different servers should be visualized both individually and collectively



Source: SEGEPLAN, 2014

ide.segeplan.gob.gt/geoportal/



Thank you!
Questions?

